```c
#include <lpc214x.h>
void delay(unsigned int time){
for(int i=0;i<time;i++){
for (int j=0;j<200;j++);
}
}

void main(){
PINSEL2 = 0x00080000;
unsigned int value=0;
while(1){
value = 1023;
DACR = (1<<16)|(value<<6);
delay(500);
value = 0;
DACR = (1<<16)|(value<<6);
delay(500);
}
}
```